

SECRET

Approved For Release 2007/07/25 : CIA-RDP78B04747A000100070017-2

CONTRACT INSPECTION REPORT			25X1		
TO: ENGINEERING SECTION/CB/PD/OL			DATE 3 Nov 64		
			INSPECTION REPORT NO. (If final, so state) 3		
			ESTIMATED COMPLETION DATE COMPLETED		
NAME OF CONTRACTOR 25X1					
TYPE OF COMMODITY OR SERVICE Image Enhancement Device					
THE CONTRACTOR IS ON SCHEDULE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			THE CONTRACTOR WILL PROBABLY REMAIN WITHIN ALLOCATED FUNDS <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF ANSWER IS "NO" ADVISE RECOMMENDATION AND/OR ACTION OF SPONSORING OFFICE, ON REVERSE HEREOF. IF KNOWN, INDICATE MAGNITUDE OF ADDITIONAL FUNDS INVOLVED.		
PER CENT OF WORK COMPLETED 100%					
HAS AN INTERIM REPORT, FINAL REPORT, PROTOTYPE, OR OTHER END ITEM BEEN RECEIVED FROM THE CONTRACTOR DURING THE PERIOD? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (If yes, give details on reverse side.) Final Report received.					
HAS GOVERNMENT-OWNED PROPERTY BEEN DELIVERED TO CONTRACTOR DURING THIS PERIOD? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If yes, indicate items, quantity, and cost on reverse side.)					
OVERALL PERFORMANCE OF CONTRACTOR					
1. <input type="checkbox"/> OUTSTANDING 3. <input checked="" type="checkbox"/> ABOVE AVERAGE 5. <input type="checkbox"/> BELOW AVERAGE 7. <input type="checkbox"/> UNSATISFACTORY 2. <input type="checkbox"/> EXCELLENT 4. <input type="checkbox"/> AVERAGE 6. <input type="checkbox"/> BARELY ADEQUATE					
IF OVERALL PERFORMANCE OF CONTRACTOR IS UNSATISFACTORY OR BARELY ADEQUATE, INDICATE REASONS ON REVERSE SIDE.					
RECOMMENDED ACTION					
<input type="checkbox"/> CONTINUE AS PROGRAMMED <input type="checkbox"/> WITHHOLD PAYMENT PENDING SATISFACTORY PERFORMANCE <input type="checkbox"/> TERMINATE <input checked="" type="checkbox"/> OTHER (Specify) Contract being settled.					
IF TERMINATION IS RECOMMENDED OR IF THIS IS A FINAL REPORT ATTACH COMMENTS IN NARRATIVE FORM ON CONTRACTOR'S PERFORMANCE AND CERTIFY THAT ALL DELIVERABLE ITEMS UNDER THE CONTRACT HAVE BEEN RECEIVED. THESE INCLUDE, WHERE APPLICABLE, THE FOLLOWING:					
ITEM		REC'D	DOES NOT APPLY	ITEM	
PROTOTYPES				MANUALS	
DRAWINGS AND SPECIFICATIONS				FINAL REPORT	
PRODUCTION AND/OR OTHER END ITEMS				SPECIAL TOOLING	
				OTHER GOVERNMENT PROPERTY	
DATE OF LAST CONTACT WITH CONTRACTOR 15 Sept 64					
INSPECTOR'S EXTENSION 3308			DIVISION P&DS 25X1		

FORM 1897 USE PREVIOUS EDITION

SECRET (When Filled In)

GROUP 1 Excluded from automatic downgrading and

(12-36)

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CONTRACT INSPECTION REPORT		CONTRACT NO. <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	TASK 25X1 <div style="border: 1px solid black; height: 20px; width: 100%; text-align: center;">1</div>		
TO: ENGINEERING SECTION/CB/PD/OL		DATE <div style="border: 1px solid black; padding: 2px;">1 Oct 64</div>			
NAME OF CONTRACTOR <div style="border: 1px solid black; height: 20px; width: 100%;"></div>		INSPECTION REPORT NO. (If final, so state) <div style="border: 1px solid black; padding: 2px;">2</div>			
TYPE OF CONTRACT <div style="border: 1px solid black; height: 20px; width: 100%;"></div>		ESTIMATED COMPLETION DATE <div style="border: 1px solid black; padding: 2px;">Completed</div>			
25X1					
THE CONTRACTOR IS ON SCHEDULE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		THE CONTRACTOR WILL PROBABLY REMAIN WITHIN ALLOCATED FUNDS <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF ANSWER IS "NO" ADVISE RECOMMENDATION AND/OR ACTION OF SPONSORING OFFICE, ON REVERSE HEREOF. IF KNOWN, INDICATE MAGNITUDE OF ADDITIONAL FUNDS INVOLVED.			
PER CENT OF WORK COMPLETED <u>100%</u>					
HAS AN INTERIM REPORT, FINAL REPORT, PROTOTYPE, OR OTHER END ITEM BEEN RECEIVED FROM THE CONTRACTOR DURING THE PERIOD? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (If yes, give details on reverse side.)					
HAS GOVERNMENT-OWNED PROPERTY BEEN DELIVERED TO CONTRACTOR DURING THIS PERIOD? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If yes, indicate items, quantity, and cost on reverse side.)					
OVERALL PERFORMANCE OF CONTRACTOR					
1. <input type="checkbox"/> OUTSTANDING 2. <input type="checkbox"/> EXCELLENT	3. <input checked="" type="checkbox"/> ABOVE AVERAGE 4. <input type="checkbox"/> AVERAGE	5. <input type="checkbox"/> BELOW AVERAGE 7. <input type="checkbox"/> UNSATISFACTORY 6. <input type="checkbox"/> BARELY ADEQUATE			
IF OVERALL PERFORMANCE OF CONTRACTOR IS UNSATISFACTORY OR BARELY ADEQUATE, INDICATE REASONS ON REVERSE SIDE.					
RECOMMENDED ACTION					
<input type="checkbox"/> CONTINUE AS PROGRAMMED <input type="checkbox"/> TERMINATE		<input type="checkbox"/> WITHHOLD PAYMENT PENDING SATISFACTORY PERFORMANCE <input checked="" type="checkbox"/> OTHER (Specify) Contract being settled.			
IF TERMINATION IS RECOMMENDED OR IF THIS IS A FINAL REPORT ATTACH COMMENTS IN NARRATIVE FORM ON CONTRACTOR'S PERFORMANCE AND CERTIFY THAT ALL DELIVERABLE ITEMS UNDER THE CONTRACT HAVE BEEN RECEIVED. THESE INCLUDE, WHERE APPLICABLE, THE FOLLOWING:					
ITEM	REC'D	DOES NOT APPLY	ITEM	REC'D	DOES NOT APPLY
PROTOTYPES			MANUALS		
DRAWINGS AND SPECIFICATIONS			FINAL REPORT		
PRODUCTION AND/OR OTHER END ITEMS			SPECIAL TOOLING		
			OTHER GOVERNMENT PROPERTY		
DATE OF LAST CONTACT WITH CONTRACTOR					
INSPECTOR'S EXTENSION <div style="border: 1px solid black; padding: 5px;">3308</div>			DIVISION <div style="border: 1px solid black; padding: 5px;">P&DS</div>		

25X1

1. Contract has been completed.
2. Item is being delivered to for storage.
3. Item is usable for parts only.
4. Delivery of the item has been delayed for many months primarily because efforts were being made to make some practical use of the unit.

25X1

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25X1

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CONTRACT INSPECTION REPORT			CONTRACT NO.		TASK NO.	
TO: ENGINEERING SECTION/CB/PD/OL			DATE 9 April 1964			
			INSPECTION REPORT NO. (If final, so state) Final Report			
			ESTIMATED COMPLETION DATE Complete			
<div></div>						
TYPE OF COMMODITY OR SERVICE Image Enhancement Device						
THE CONTRACTOR IS ON SCHEDULE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			THE CONTRACTOR WILL PROBABLY REMAIN WITHIN ALLOCATED FUNDS <input type="checkbox"/> YES <input type="checkbox"/> NO IF ANSWER IS "NO" ADVISE RECOMMENDATION AND/OR ACTION OF SPONSORING OFFICE. ON REVERSE HEREOF. IF KNOWN, INDICATE MAGNITUDE OF ADDITIONAL FUNDS INVOLVED.			
PER CENT OF WORK COMPLETED <u>100%</u>						
HAS AN INTERIM REPORT, FINAL REPORT, PROTOTYPE, OR OTHER END ITEM BEEN RECEIVED FROM THE CONTRACTOR DURING THE PERIOD? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (If yes, give details on reverse side.)						
HAS GOVERNMENT-OWNED PROPERTY BEEN DELIVERED TO CONTRACTOR DURING THIS PERIOD? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If yes, indicate items, quantity, and cost on reverse side.)						
OVERALL PERFORMANCE OF CONTRACTOR						
1. <input type="checkbox"/> OUTSTANDING 3. <input type="checkbox"/> EXCELLENT 5. <input checked="" type="checkbox"/> ACCEPTABLE 7. <input type="checkbox"/> UNSATISFACTORY						
2. <input type="checkbox"/> SUPERIOR 4. <input type="checkbox"/> HIGHLY SATISFACTORY 6. <input type="checkbox"/> BARELY ADEQUATE						
IF OVERALL PERFORMANCE OF CONTRACTOR IS UNSATISFACTORY OR BARELY ADEQUATE, INDICATE REASONS ON REVERSE SIDE.						
RECOMMENDED ACTION						
<input type="checkbox"/> CONTINUE AS PROGRAMMED <input type="checkbox"/> WITHHOLD PAYMENT PENDING SATISFACTORY PERFORMANCE						
<input type="checkbox"/> TERMINATE <input checked="" type="checkbox"/> OTHER (Specify) Contract should be settled and closed out.						
IF TERMINATION IS RECOMMENDED OR IF THIS IS A FINAL REPORT ATTACH COMMENTS IN NARRATIVE FORM ON CONTRACTOR'S PERFORMANCE AND CERTIFY THAT ALL DELIVERABLE ITEMS UNDER THE CONTRACT HAVE BEEN RECEIVED. THESE INCLUDE, WHERE APPLICABLE, THE FOLLOWING:						
ITEM	REC'D	DOES NOT APPLY	ITEM	REC'D	DOES NOT APPLY	
PROTOTYPES			MANUALS			
DRAWINGS AND SPECIFICATIONS			FINAL REPORT			
PRODUCTION AND/OR OTHER END ITEMS			SPECIAL TOOLING			
			OTHER GOVERNMENT PROPERTY			
DATE OF LAST CONTACT WITH CONTRACTOR 13 March 1964						
<div></div>			DIVISION P&DS			
			25X1			
INSPECTOR'S EXTENSION 3300			<div></div>			

An analysis of the Image Enhancement Device has revealed that the unit is an operational failure, even though all reasonable effort was made by the contractor to produce a practical image enhancement mechanism. It has been generally agreed that further improvement of the present device cannot be bought with additional time and money.

25X1 [redacted] the previous contract monitor, stated in a 6 March 1963 trip report, "It is the opinion of the contract monitor that the time and money expended on this program was well spent and that [redacted] personnel directly responsible for the program conscientiously exploited all means at their disposal to fulfill the terms of the contract and that failure to accomplish their design objectives is a forthright and honest failure".

25X1 From 1 March 1963, no further work has been expended on the image enhancement program other than preparation of the final report, dated June 1963. The unit has been stored at the [redacted] plant pending decision on a proposed program with [redacted] to replace the present output stage of the enhancer with a laser output stage making use of piezo electric crystals for modulation and scanning.

25X1 It has since been determined that little would be gained by use of the present [redacted] Enhancer in any further work involving image enhancement concepts. This is due to serious design deficiencies in the input and intermediate stages of the [redacted] instrument.

25X1 It is therefore recommended that final settlement be made and that the contract be closed out.

25X1 The enhancer should be shipped to [redacted] for storage and possible future use of its enclosure or other salvagable parts.

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25X1

CONTRACT INSPECTION REPORT		[REDACTED]		25X1 No. 1	
TO: ENGINEERING SECTION/CB/PD/OL		DATE 8 April 1963			
		INSPECTION REPORT NO. (If final, so state) 13			
		ESTIMATED COMPLETION DATE 28 February 1963			
NAME OF CONTRACTOR [REDACTED]		25X1			
TYPE OF COMMODITY OR SERVICE Image Enhancement Device					
THE CONTRACTOR IS ON SCHEDULE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			THE CONTRACTOR WILL PROBABLY REMAIN WITHIN ALLOCATED FUNDS <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
THE CONTRACTOR WILL COMPLETE TASK WITHIN ALLOTTED TIME <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			ALL PHASES OF THE TECHNICAL PROGRESS ARE SATISFACTORY <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
HAS AN INTERIM REPORT, FINAL REPORT, PROTOTYPE, OR OTHER END ITEM BEEN RECEIVED FROM THE CONTRACTOR DURING THE PERIOD? <input type="checkbox"/> YES <input type="checkbox"/> NO (If yes, give details on reverse side.)					
<u>OVER</u>					
HAS GOVERNMENT-OWNED PROPERTY BEEN DELIVERED TO CONTRACTOR DURING THIS PERIOD? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If yes, indicate items, quantity, and cost on reverse side.)					
OVERALL PERFORMANCE OF CONTRACTOR					
1. <input type="checkbox"/> OUTSTANDING		3. <input type="checkbox"/> EXCELLENT		5. <input type="checkbox"/> ACCEPTABLE	
2. <input type="checkbox"/> SUPERIOR		4. <input checked="" type="checkbox"/> HIGHLY SATISFACTORY		6. <input type="checkbox"/> BARELY ADEQUATE	
				7. <input type="checkbox"/> UNSATISFACTORY	
IF OVERALL PERFORMANCE OF CONTRACTOR IS UNSATISFACTORY OR BARELY ADEQUATE, INDICATE REASONS ON REVERSE SIDE.					
RECOMMENDED ACTION					
<input type="checkbox"/> CONTINUE AS PROGRAMMED			<input type="checkbox"/> WITHHOLD PAYMENT PENDING SATISFACTORY PERFORMANCE		
<input checked="" type="checkbox"/> TERMINATE			<input type="checkbox"/> OTHER (Specify)		
IF TERMINATION IS RECOMMENDED OR IF THIS IS A FINAL REPORT, CERTIFY THAT ALL DELIVERABLE ITEMS UNDER THE CONTRACT HAVE BEEN RECEIVED. THESE INCLUDE, WHERE APPLICABLE, THE FOLLOWING: See note on reverse side					
ITEM	REC'D	DOES NOT APPLY	ITEM	REC'D	DOES NOT APPLY
PROTOTYPES			MANUALS		
DRAWINGS AND SPECIFICATIONS			FINAL REPORT		
PRODUCTION AND/OR OTHER END ITEMS			SPECIAL TOOLING		
			OTHER GOVERNMENT PROPERTY		
DATE OF LAST CONTACT WITH CONTRACTOR 6 March 1963					
[REDACTED]			DIVISION 25X1		
INSPECTOR'S EXTENSION 3308			P&DS		

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GROUP 1
Excluded from automatic
downgrading and

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As a result of the final inspection on 28 February 1963 the instrument was rejected and recommendations for final disposition are contained in a memorandum to the Assistant for Plans and Development dated 6 March 1963.

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CONTRACT INSPECTION REPORT		25X1 T.O. #1			
TO: ENGINEERING SECTION/CB/PD/OL		DATE 6 February 1963			
		INSPECTION REPORT NO. (If final, so state) 12			
		ESTIMATED COMPLETION DATE 15 August 1962			
NAME OF CONTRACTOR 		25X1			
TYPE OF COMMODITY OR SERVICE Image Enhancement Device					
THE CONTRACTOR IS ON SCHEDULE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		THE CONTRACTOR WILL PROBABLY REMAIN WITHIN ALLOCATED FUNDS <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
THE CONTRACTOR WILL COMPLETE TASK WITHIN ALLOTTED TIME <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		ALL PHASES OF THE TECHNICAL PROGRESS ARE SATISFACTORY <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
HAS AN INTERIM REPORT, FINAL REPORT, PROTOTYPE, OR OTHER END ITEM BEEN RECEIVED FROM THE CONTRACTOR DURING THE PERIOD? <input type="checkbox"/> YES <input type="checkbox"/> NO (If yes, give details on reverse side.) Final inspection at plant 27 February 1963.					
HAS GOVERNMENT-OWNED PROPERTY BEEN DELIVERED TO CONTRACTOR DURING THIS PERIOD? <input type="checkbox"/> YES <input type="checkbox"/> NO (If yes, indicate items, quantity, and cost on reverse side.)					
OVERALL PERFORMANCE OF CONTRACTOR					
1. <input type="checkbox"/> OUTSTANDING 3. <input type="checkbox"/> EXCELLENT 5. <input checked="" type="checkbox"/> ACCEPTABLE 7. <input type="checkbox"/> UNSATISFACTORY 2. <input type="checkbox"/> SUPERIOR 4. <input type="checkbox"/> HIGHLY SATISFACTORY 6. <input type="checkbox"/> BARELY ADEQUATE					
IF OVERALL PERFORMANCE OF CONTRACTOR IS UNSATISFACTORY OR BARELY ADEQUATE, INDICATE REASONS ON REVERSE SIDE.					
RECOMMENDED ACTION					
<input checked="" type="checkbox"/> CONTINUE AS PROGRAMMED <input type="checkbox"/> WITHHOLD PAYMENT PENDING SATISFACTORY PERFORMANCE <input type="checkbox"/> TERMINATE <input type="checkbox"/> OTHER (Specify)					
IF TERMINATION IS RECOMMENDED OR IF THIS IS A FINAL REPORT, CERTIFY THAT ALL DELIVERABLE ITEMS UNDER THE CONTRACT HAVE BEEN RECEIVED. THESE INCLUDE, WHERE APPLICABLE, THE FOLLOWING:					
ITEM	REC'D	DOES NOT APPLY	ITEM	REC'D	DOES NOT APPLY
PROTOTYPES			MANUALS		
DRAWINGS AND SPECIFICATIONS			FINAL REPORT		
PRODUCTION AND/OR OTHER END ITEMS			SPECIAL TOOLING		
			OTHER GOVERNMENT PROPERTY		
DATE OF LAST CONTACT WITH CONTRACTOR 30 JAN 1963					
3308			DIVISION NPIC/P&DS		
			25X1		

FORM 11-62 1897

SECRET

GROUP 1
Excluded from automatic

(12-36)

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25X1

TO: Inspection Branch/PD/OL

DATE 9 November 1962

REPORT PERIOD: October 1962

CONTRACT #

REPORT #

(If final, so state)

25X1

Contractor

Address **Los Angeles, California**

Image Enhancement

[illegible]

Classification

Unclassified

No. Of Prototypes

Contract Completion Date

15 August 1962

The Contract is on schedule: Yes ☒ No ☐

The Contractor will remain within his allocated funds: Yes ☒ No

An extension of time will be necessary: ☒ Yes ☐ No

All phases of the technical progress are satisfactory: ☒ Yes ☐ No

The overall performance of this Contractor is: ☒ Satisfactory

NOTE: If unsatisfactory or subject to improvement indicate reasons under comments.

Unsatisfactory

Comments: **Overrun approved by TDC. Plant inspection in November 1962.**

Recommended Action:

Date of last visit to Contractor's Plant:

25X1

Inspected by:

Division & Extension **TRDS** 3591

TO: Inspection Branch/PD/OL

DATE

1 October 1962

REPORT PERIOD:

October 1962

CONTRACT #

REPORT

25X1

(If final, so state)

25X1

Contractor

Address Los Angeles, California

Commodity/Service

Design

Classification

No. Of Prototypes

1

Contract Completion Date

30 June 1962

The Contract is on schedule: Yes ☒ No

The Contractor will remain within his allocated funds: Yes ☒ No

An extension of time will be necessary: ☒ Yes No

All phases of the technical progress are satisfactory: ☒ Yes No

The overall performance of this Contractor is: ☐ Satisfactory

NOTE: If unsatisfactory or subject to improvement indicate reasons under comments.

☐ Subject to improvement

☐ Unsatisfactory

Overall approved by the Technical Development Committee

Comments:

Continue research & development phase

Recommended Action:

25X1

Will visit and

Date of last visit to Contractor's Plant:

Inspected by:

1001

Division & Extension

GROUP 1
Excluded from automatic
downgrading and
declassification

25X1

25X1

25X1

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25X1

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25X1

TO: Inspection Branch/PD/OL

DATE 19 March 1962REPORT PERIOD ENDED: 19 Mar 62CONTRACT REPORT # 6

(If final, so state)

25X1

Contractor Address Los Angeles, CaliforniaImage EnhancementCommodity/Service Device Classification UNCLASSIFIEDNo. Of Prototypes 1 Contract Completion Date Dec 61The Contract is on schedule: ☒ Yes ☐ NoThe Contractor will remain within his allocated funds: ☒ Yes ☐ NoAn extension of time will be necessary: ☐ Yes ☒ NoAll phases of the technical progress are satisfactory: ☒ Yes ☐ NoThe overall performance of this Contractor is: ☒ SatisfactoryNOTE: If unsatisfactory or subject to improvement indicate reasons under comments. ☐ Subject to improvement
☐ UnsatisfactoryComments: NPIC ~~XX~~ submitting request for change in scope which will increase contract funding in the amount of and change delivery to Jun 62.

25X1

Recommended Action: _____

Date of last visit to Contractor's Plant: Nov-Dec 61Inspected Division & Extension TP&DS X2839

HF
file

25th MONTHLY PROGRESS REPORT

Image Enhancement Program

25X1

Contract Task Order No. 1

1 December 1962 to 18 January 1963

During the period covered by this report work has proceeded in accordance with the program outlined in the previous monthly with the following minor alteration: Phase A, the continuation of the laboratory experimentation, and Phase B, packaging for delivery have been combined in order to effect more economy.

Just prior to dismantling the laboratory setup in preparation for cabinet installation, a number of tests were run which indicated satisfactory results with regard to the overall uniformity and fidelity of the input and output scanning functions. The enclosed photographs are prints which illustrate the performance which was achieved. Print A is a photographic reproduction of the image which was scanned. Prints B and C are reproductions of the original negative material from the camera which photographed the output cathode ray tube. The enhancement circuitry was adjusted to achieve area scan filtering effects which are clearly evident in the photograph B. Print C was made without area scan filtering and only electronic high pass filtering. In both prints B and C the contrast of the smaller detail is increased while the contrast of large detail is decreased.

Work is currently under way on mounting all of the equipment in the console. It has been found possible to mount the output cathode ray tube immediately behind the front panel of the console in the area formerly reserved exclusively for control. This has been achieved by rearranging some of the electronics and will permit more ready access

and convenient operation. It is expected that the packaged equipment will be in operation in early February, thus permitting a resumption of the evaluation experiments. Our schedule for in-plant acceptance of the equipment to be delivered is 28 February 1963.